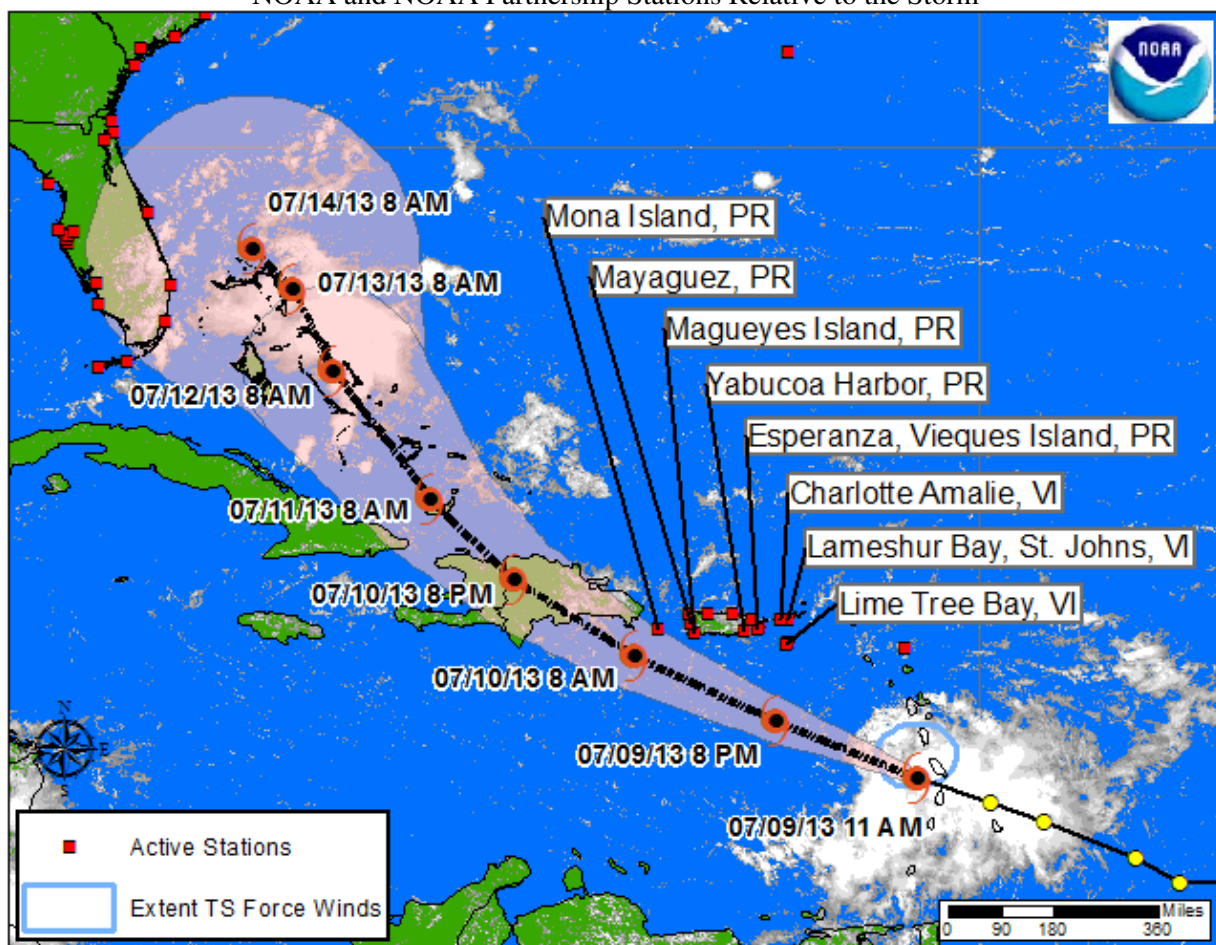


Tropical Storm CHANTAL QuickLook
Posted: 12:00 AST 07/09/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/09/2013 12:00 AST, water levels in the U.S. Virgin Islands and Puerto Rico continue to track between 0.1 and 0.4 feet above predicted tide levels. Winds are light across the region, and barometric pressure is slowly increasing.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Lameshur Bay, St. John, VI: Next predicted high tides are 0.9 ft (0.26 m) at 07/09/2013 22:31 AST and 0.8 ft (0.26 m) at 07/10/2013 22:55 AST.

Lime Tree Bay, VI: Next predicted high tides are 0.7 ft (0.23 m) at 07/09/2013 23:11 AST and 0.7 ft (0.22 m) at 07/10/2013 23:18 AST.

Tropical Storm CHANTAL QuickLook, POSTED 12:00 AST 07/09/2013

Charlotte Amalie, VI: Next predicted high tides are 0.8 ft (0.25 m) at 07/09/2013 22:35 AST and 0.8 ft (0.25 m) at 07/10/2013 22:56 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.8 ft (0.24 m) at 07/09/2013 22:20 AST and 0.8 ft (0.23 m) at 07/10/2013 22:34 AST.

Yabucoa Harbor, PR: Next predicted high tides are 0.7 ft (0.20 m) at 07/09/2013 22:31 AST and 0.6 ft (0.19 m) at 07/10/2013 22:37 AST.

Magueyes Island, PR: Next predicted high tides are 0.7 ft (0.22 m) at 07/09/2013 23:11 AST and 0.7 ft (0.21 m) at 07/10/2013 23:23 AST.

Mayaguez, PR: Next predicted high tides are 1.3 ft (0.41 m) at 07/09/2013 22:05 AST and 0.9 ft (0.27 m) at 07/10/2013 09:58 AST.

Mona Island, PR: Next predicted high tides are 0.9 ft (0.26 m) at 07/09/2013 21:54 AST and 0.8 ft (0.26 m) at 07/10/2013 22:22 AST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:TKM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CHANTAL ADVISORY NUMBER 7
NWS NATIONAL HURRICANE CENTER MIAMI FL AL032013
1100 AM AST TUE JUL 09 2013

...CHANTAL MOVING BETWEEN MARTINIQUE AND ST. LUCIA...

WATCHES AND WARNINGS

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* PUERTO RICO

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* U.S. VIRGIN ISLANDS

* VIEQUES AND CULEBRA

INTERESTS IN THE REMAINDER OF THE NORTHERN LEEWARD ISLANDS SHOULD MONITOR THE PROGRESS OF CHANTAL.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE

FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM AST...1500 UTC...DATA FROM A RECONNAISSANCE PLANE...
BARBADOS AND MARTINIQUE RADAR INDICATE THAT THE CENTER OF
TROPICAL STORM CHANTAL WAS LOCATED NEAR LATITUDE 14.4 NORTH...
LONGITUDE 61.5 WEST. CHANTAL IS MOVING RAPIDLY TOWARD THE
WEST-NORTHWEST NEAR 29 MPH...AND THIS GENERAL MOTION IS EXPECTED TO
CONTINUE FOR THE NEXT COUPLE OF DAYS. ON THE FORECAST TRACK...THE
CENTER OF CHANTAL WILL MOVE AWAY FROM THE LESSER ANTILLES LATER
TODAY AND CONTINUE OVER THE EASTERN CARIBBEAN SEA THIS AFTERNOON
AND TONIGHT. CHANTAL IS EXPECTED TO BE NEAR OR OVER THE
DOMINICAN REPUBLIC ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE HAVE INCREASED TO NEAR 60 MPH...95 KM/H.
WITH HIGHER GUSTS. THESE WINDS ARE CONFINED TO A SMALL AREA TO THE
NORTHEAST OF THE CENTER. SOME ADDITIONAL INCREASE IN STRENGTH IS
POSSIBLE BEFORE CHANTAL MOVES OVER HISPANIOLA.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 90 MILES...150 KM
TO THE NORTHEAST OF THE CENTER. TRINITY CARABELLE IN THE
NORTHEAST TIP OF MARTINIQUE RECENTLY REPORTED WINDS OF NEAR 60
MPH...95 KM/H.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1006 MB...29.71 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO CONTINUE OVER
PORTIONS OF THE WINDWARD ISLANDS DURING THE NEXT SEVERAL
HOURS...AND REACH PUERTO RICO TONIGHT OR EARLY WEDNESDAY. TROPICAL
STORM CONDITIONS ARE EXPECTED TO REACH THE SOUTHEASTERN PORTION OF
THE DOMINICAN REPUBLIC BY WEDNESDAY MORNING. TROPICAL STORM
CONDITIONS ARE POSSIBLE IN HAITI BY LATE WEDNESDAY.

STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS
1 TO 3 FEET ABOVE NORMAL TIDE LEVELS IN THE LEEWARD ISLANDS...
WINDWARD ISLANDS...AND PUERTO RICO. A STORM SURGE WILL ALSO RAISE
WATER LEVELS BY AS MUCH AS 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS
ALONG THE SOUTHERN COAST OF THE DOMINICAN REPUBLIC AND 1 TO 3 FEET
ABOVE NORMAL TIDE LEVELS ALONG THE ENTIRE NORTHERN COAST OF
HISPANIOLA. THE SURGE WILL BE ACCOMPANIED BY DANGEROUS WAVES.

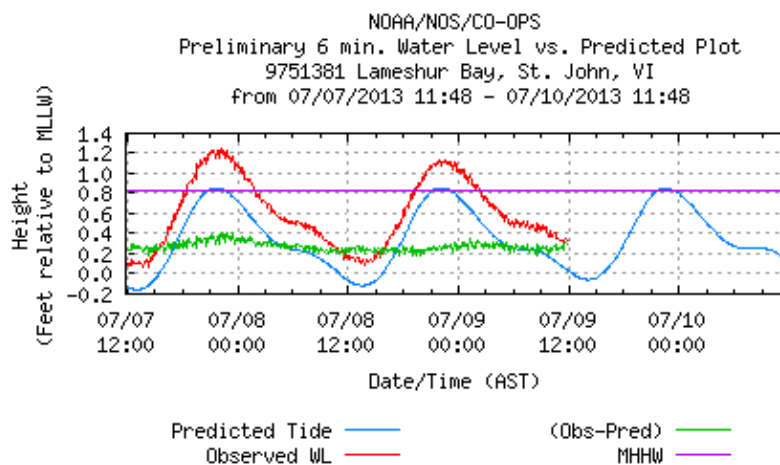
RAINFALL...CHANTAL IS EXPECTED TO PRODUCE RAIN ACCUMULATIONS OF
2 TO 4 INCHES OVER THE LEEWARD AND WINDWARD ISLANDS. 3 TO 6 INCHES
ARE EXPECTED OVER PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND
PORTIONS OF THE DOMINICAN REPUBLIC AND HAITI...WITH MAXIMUM AMOUNTS
OF 8 INCHES POSSIBLE.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Lameshur Bay, St. John - Water Level](#), [Lameshur Bay, St. John - Barometric](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Winds](#), [Charlotte Amalie - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mayaguez - Water Level](#), [Mayaguez - Winds](#), [Mayaguez - Barometric](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#)

Lameshur Bay, St. John, VI - Return to List

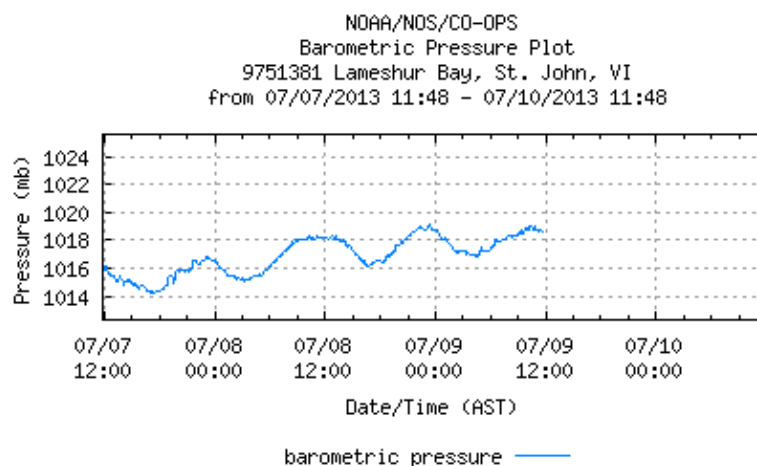


Last Observed Sample: 07/09/2013 11:48 (AST)

Relative to MLLW: **Observed: 0.33 ft. Predicted: 0.04 ft. Residual: 0.29 ft.**

Historical Maximum Water Level: Aug 30 2010, 1.71 ft. above MLLW

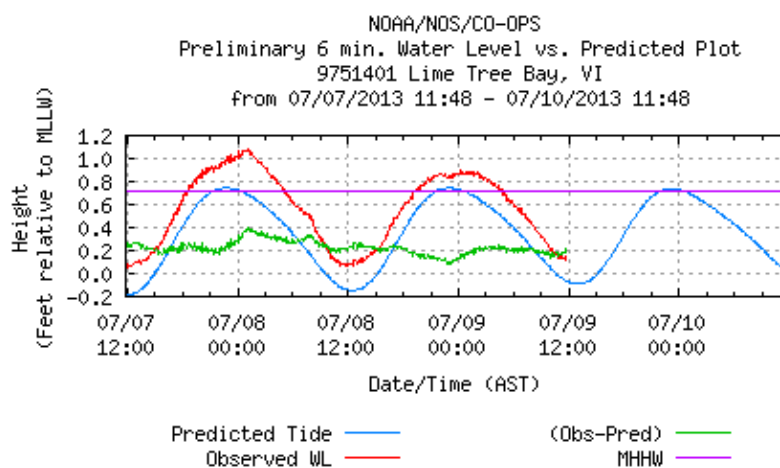
Lameshur Bay, St. John, VI - Return to List



Last Observed Sample: 07/09/2013 11:48 (AST)

Barometric Pressure: 1018.5 mb

Lime Tree Bay, VI - Return to List

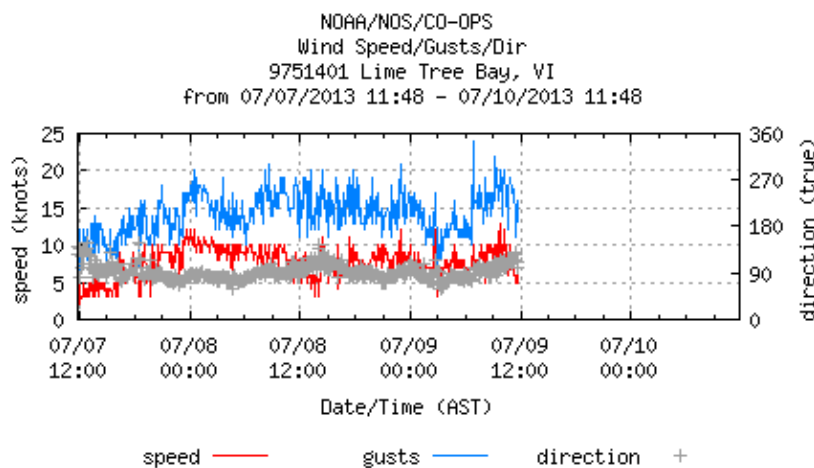


Last Observed Sample: 07/09/2013 11:42 (AST)

Relative to MLLW: **Observed: 0.15 ft.** **Predicted: -0.06 ft.** **Residual: 0.21 ft.**

Historical Maximum Water Level: Nov 17 1999, 2.59 ft. above MLLW

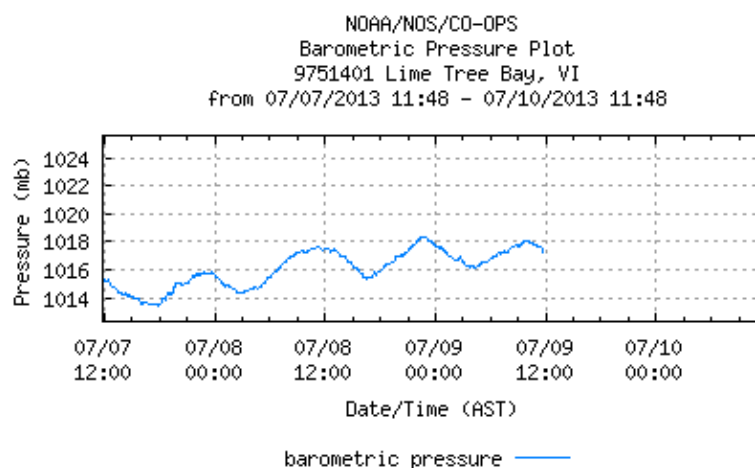
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/09/2013 11:42 (AST)

Wind Speed: 5 knots **Gusts: 16 knots** **Direction: 102° T**

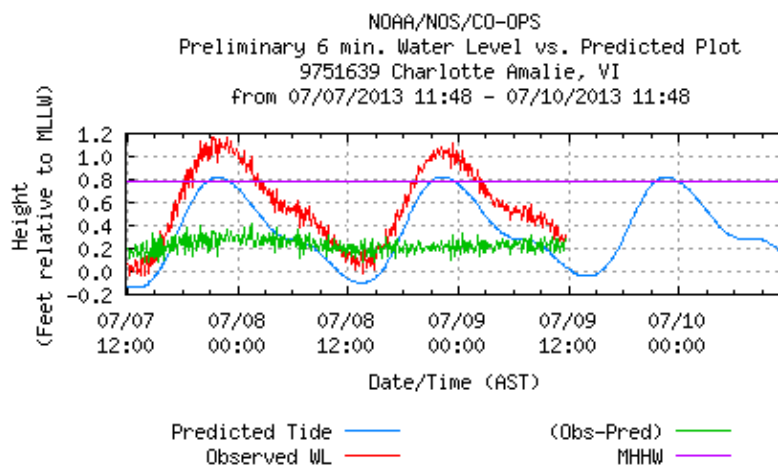
Lime Tree Bay, VI - Return to List



Last Observed Sample: 07/09/2013 11:42 (AST)

Barometric Pressure: 1017.3 mb

Charlotte Amalie, VI - Return to List

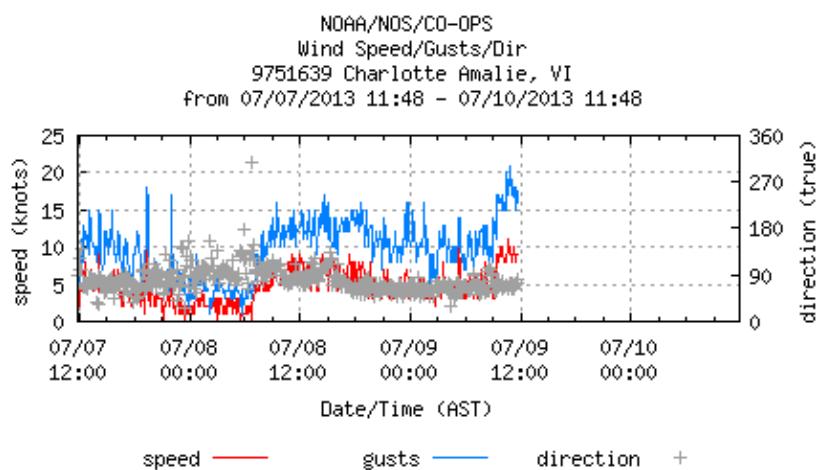


Last Observed Sample: 07/09/2013 11:42 (AST)

Relative to MLLW: Observed: 0.32 ft. Predicted: 0.04 ft. Residual: 0.28 ft.

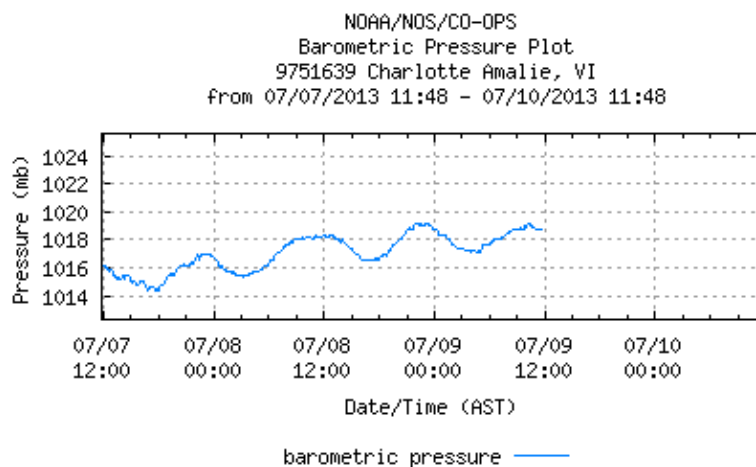
Historical Maximum Water Level: Sep 16 1995, 3.72 ft. above MLLW

Charlotte Amalie, VI - Return to List



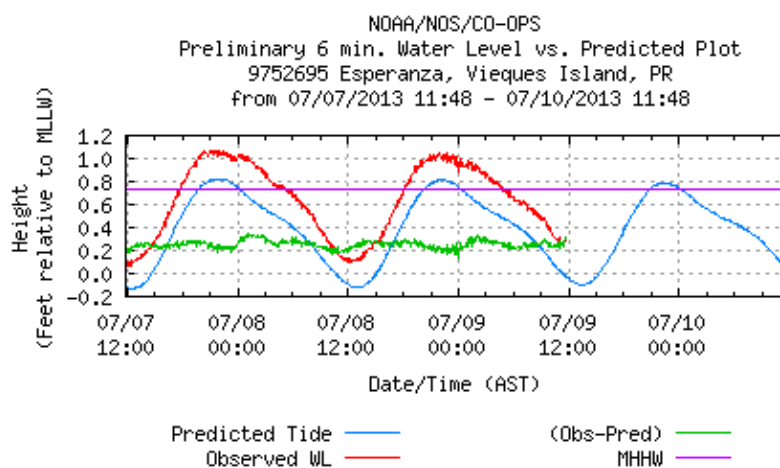
Last Observed Sample: 07/09/2013 11:42 (AST)
Wind Speed: 9 knots Gusts: 16 knots Direction: 80° T

Charlotte Amalie, VI - Return to List



Last Observed Sample: 07/09/2013 11:42 (AST)
Barometric Pressure: 1018.8 mb

Esperanza, Vieques Island, PR - Return to List

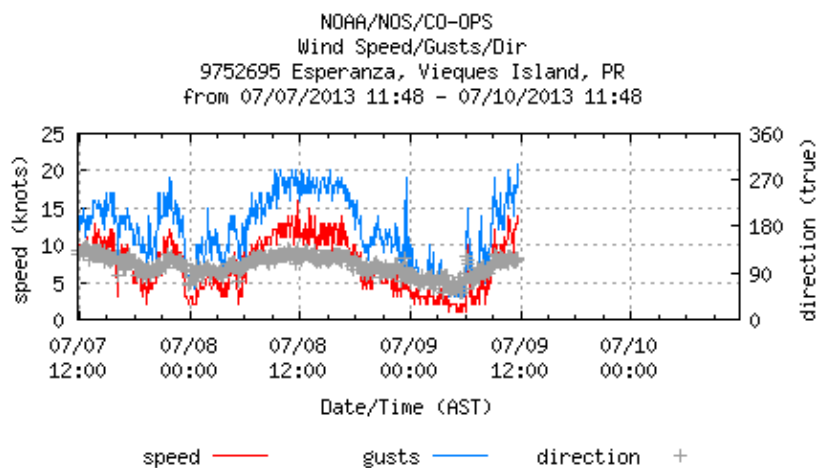


Last Observed Sample: 07/09/2013 11:48 (AST)

Relative to MLLW: **Observed: 0.25 ft.** **Predicted: -0.03 ft.** **Residual: 0.28 ft.**

Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

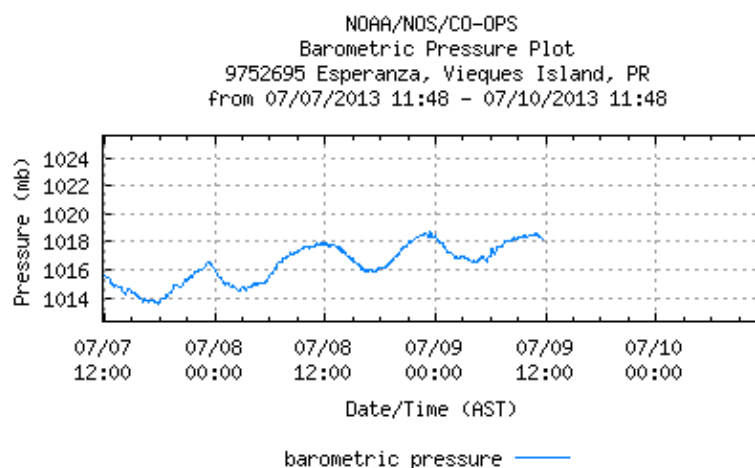
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/09/2013 11:48 (AST)

Wind Speed: 12 knots **Gusts: 18 knots** **Direction: 112° T**

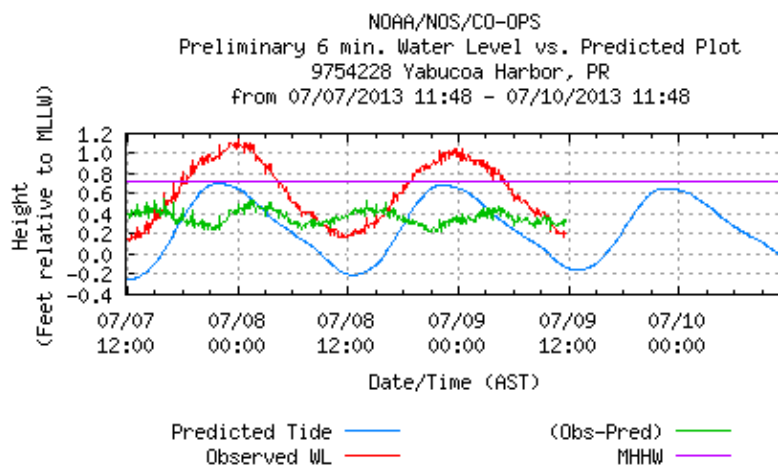
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 07/09/2013 11:48 (AST)

Barometric Pressure: 1018.2 mb

Yabucoa Harbor, PR - Return to List

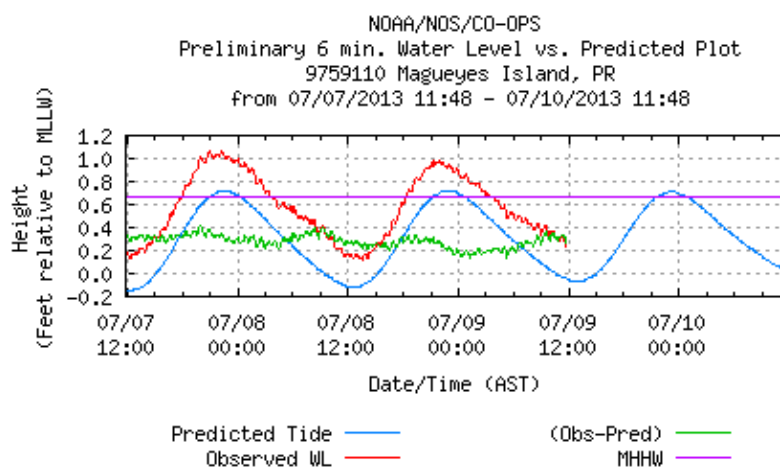


Last Observed Sample: 07/09/2013 11:48 (AST)

Relative to MLLW: Observed: 0.18 ft. Predicted: -0.14 ft. Residual: 0.32 ft.

Historical Maximum Water Level: n/a

Magueyes Island, PR - Return to List

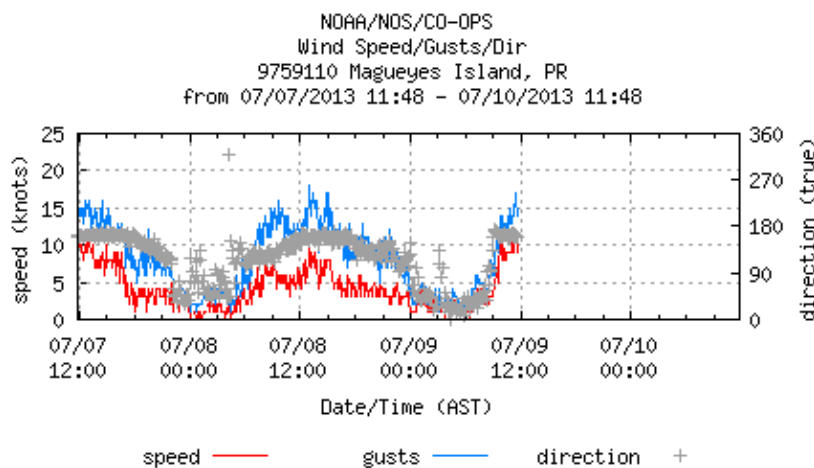


Last Observed Sample: 07/09/2013 11:42 (AST)

Relative to MLLW: **Observed: 0.23 ft.** **Predicted: -0.04 ft.** **Residual: 0.27 ft.**

Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

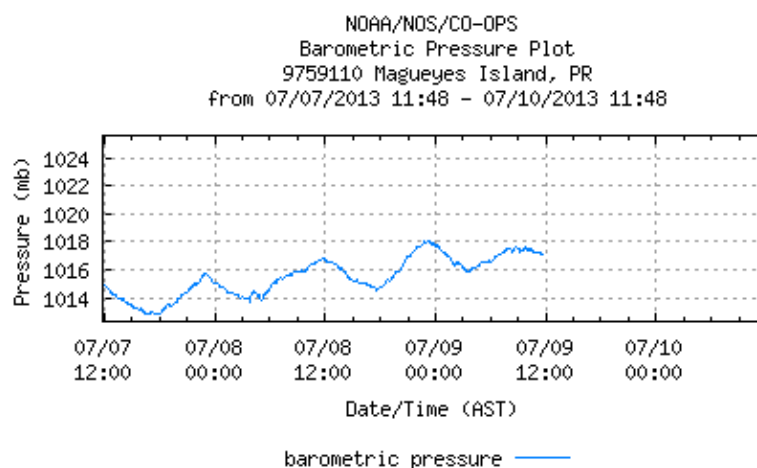
Magueyes Island, PR - Return to List



Last Observed Sample: 07/09/2013 11:42 (AST)

Wind Speed: 10 knots **Gusts: 14 knots** **Direction: 158° T**

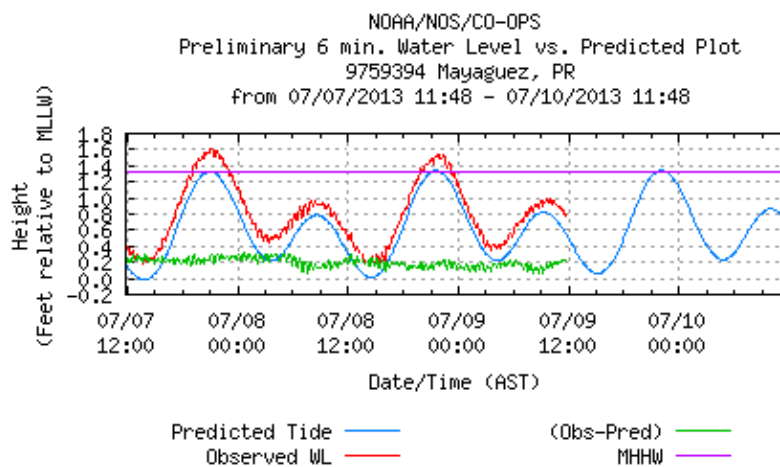
Magueyes Island, PR - Return to List



Last Observed Sample: 07/09/2013 11:42 (AST)

Barometric Pressure: 1017.1 mb

Mayaguez, PR - Return to List

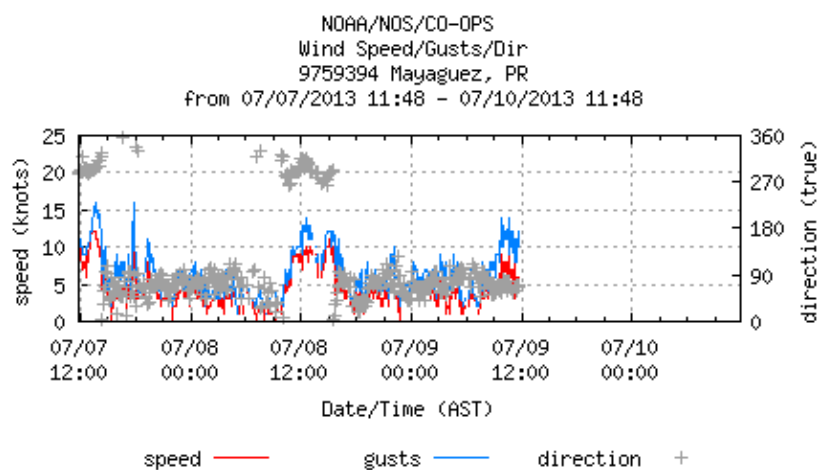


Last Observed Sample: 07/09/2013 11:48 (AST)

Relative to MLLW: Observed: 0.77 ft. Predicted: 0.53 ft. Residual: 0.24 ft.

Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW

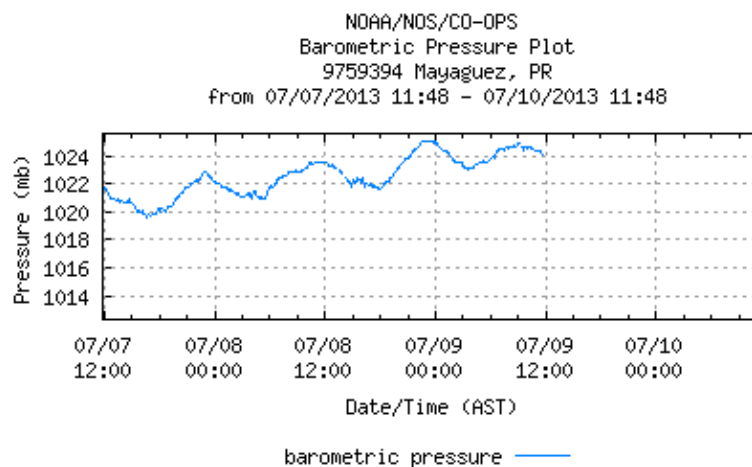
Mayaguez, PR - Return to List



Last Observed Sample: 07/09/2013 11:48 (AST)

Wind Speed: 6 knots Gusts: 9 knots Direction: 67° T

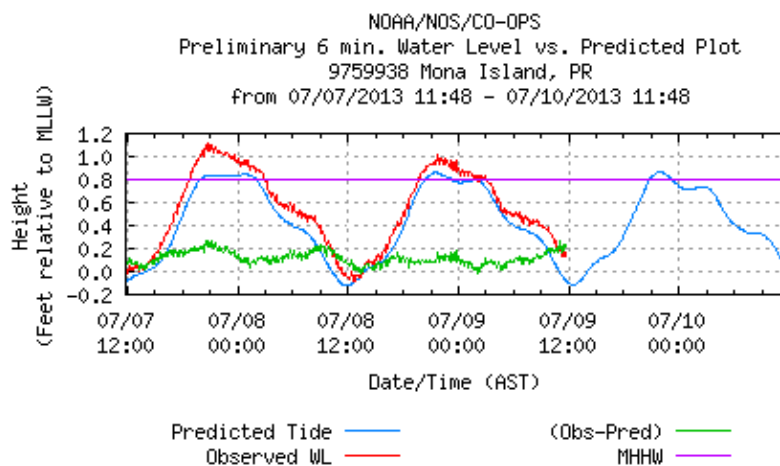
Mayaguez, PR - Return to List



Last Observed Sample: 07/09/2013 11:48 (AST)

Barometric Pressure: 1024.1 mb

[Mona Island, PR - Return to List](#)

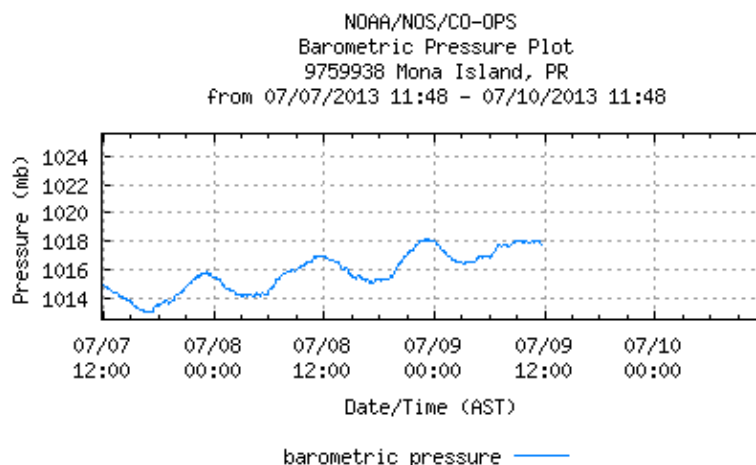


Last Observed Sample: 07/09/2013 11:48 (AST)

Relative to MLLW: **Observed: 0.11 ft.** **Predicted: -0.09 ft.** **Residual: 0.20 ft.**

Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

[Mona Island, PR - Return to List](#)



Last Observed Sample: 07/09/2013 11:48 (AST)

Barometric Pressure: 1017.6 mb